

Converting Colors

XYZ(42.7360, 24.4681, 3.0128)

Have a look what the booklet for
XYZ(42.7360, 24.4681, 3.0128)
contains.

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Color

**XYZ(42.6430, 24.4488,
3.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	FE3D11
RGB	254, 61, 17
RGB Percent	100%, 24%, 7%
CMY	0.0039, 0.7607, 0.9333
CMYK	0.00, 0.76, 0.93, 0.00
HSL	11°, 99%, 53%
HSV	11°, 93%, 100%
XYZ	42.6430, 24.4488, 3.0019
YIQ	113.6910, 129.1520, 27.2320

Conversions

Conversions Part 2

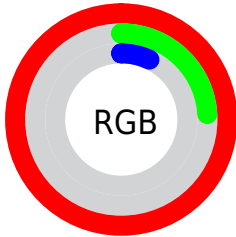
Format	Color
R_{YB}	254, 71, 17
Decimal	16661777
CIE _{Lab}	56.53, 70.12, 64.64
CIE _{LCh}	57, 95.371, 42.670
Yxy	24.4488, 0.6084, 0.3488
Android (android.graphics.Color)	4294851857 (0xFFFE3D11)
YUV	113.6910, -47.6687, 123.0510
Hunter-Lab	49.4457, 67.4120, 31.0125

Details

The XYZ color **42.6430, 24.4488, 3.0019** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **41.1638, 53.3614, 101.8955**, and the grayscale version is **16.0148, 16.8488, 18.3483**.

A 20% lighter version of the original color is **49.4603, 35.8809, 10.2801**, and **20.7390, 10.6914, 0.9706** is the 20% darker color. If you saturate the color by 10%, you get **41.8961, 23.1173, 2.2539**, and if you desaturate by 10%, it is **44.2925, 27.2299, 5.1499**.

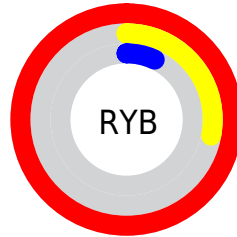
Distribution



Red (100%)

Green (24%)

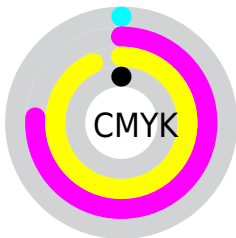
Blue (7%)



Red (100%)

Yellow (28%)

Blue (7%)

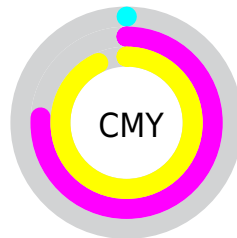


Cyan (0%)

Magenta (76%)

Yellow (93%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6430, 24.4488, 3.0019 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 42.6430, 24.4488, 3.0019 by changing the saturation by 10% instead.


 42.6430, 24.4488,
3.0019


 42.6430, 24.4488,
3.0019


348.0880,
275.0817, 136.3848


 29.7984, 15.6669,
1.0956


 78.4309, 50.7616,
11.6331


 19.8329, 9.2887,
0.0000


 102.1050, 69.0612,
19.1951


 12.3812, 4.9300,
0.0000


 130.1196, 91.3023,
29.4795

 7.0779, 2.2062,
0.0000

 162.8401,
117.8691, 42.9047

 3.5576, 0.7234,
0.0000

 200.6318,
149.1460, 59.8892


 1.4551, 0.0000,
0.0000

 243.8601,


 0.2949, 0.0000,


185.5175, 80.8518


0.0000


 292.8904,
227.3679, 106.2108


 0.0000, 0.0000,
0.0000


 42.6430, 24.4488,
3.0019


 42.6430, 24.4488,
3.0019


 41.8961, 23.1173,
2.2539

 44.2925, 27.2299,
5.1499

 46.6991, 31.0635,
8.9719

 49.9485, 36.0465,
14.7282

 54.1137, 42.2631,
22.6334

 59.2595, 49.7895,
32.8736

65.4446, 58.6956,
45.6146

72.7229, 69.0462,
61.0070

81.1445, 80.9021,
79.1896

90.7565, 94.3205,
100.2913

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.7731, 24.4488, 15.3722



42.6430, 24.4488, 3.0019



30.1654, 24.4488, 0.4496

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.6430, 24.4488, 3.0019



8.2752, 24.4488, 12.2880



28.2212, 24.4488, 141.2163

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.6430, 24.4488, 3.0019



41.1638, 53.3614, 101.8955

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.4615, 24.4488, 137.3535



42.6430, 24.4488, 3.0019



8.0523, 24.4488, 42.3377

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.6430, 24.4488, 3.0019



11.5992, 24.4488, 2.2565



10.8467, 24.4488, 92.9110



40.8364, 24.4488, 101.2033

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.6430, 24.4488, 3.0019



22.2613, 24.4488, 0.1542



10.8467, 24.4488, 92.9110



24.2426, 24.4488, 145.5700

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.6435, 24.4503, 3.0023



69.7843, 64.5728, 53.9136



52.7747, 26.1523, 63.5989



14.2777, 12.8820, 10.1523



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.6435, 24.4503, 3.0023



42.2708, 23.3216, 2.2736



57.0841, 53.3315, 7.8158



18.2822, 18.5326, 18.7579



22.1651, 12.3415, 1.2139



2.2277, 1.3407, 0.1414

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.1638, 53.3614, 101.8955



40.5191, 52.1583, 102.5397



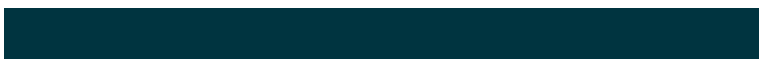
21.9521, 14.9382, 95.4916



18.2512, 19.8740, 23.1241



21.2752, 27.4600, 53.6136



2.1423, 2.8154, 5.2438

Previews

White Background



This preview shows how the XYZ color 42.6430, 24.4488, 3.0019 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 42.6430, 24.4488, 3.0019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6430, 24.4488, 3.0019

Background



This preview shows how black text looks on a background with the XYZ color 42.6430, 24.4488, 3.0019.



This preview shows how white text looks on a background with the XYZ color 42.6430, 24.4488,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.6430, 24.4488, 3.0019

Protanopia

22.2595, 24.5080, 5.2264

Deuteranopia

24.6448, 24.3584, 3.4027



Tritanopia

43.4668, 24.4917, 6.4394

Trichromacy



Original Color

42.6430, 24.4488, 3.0019

Protanomaly

26.9256, 21.9731, 3.9845

Deuteranomaly

29.0706, 22.3313, 2.9505

Tritanomaly

43.1891, 24.4605, 4.7305

Monochromacy



Original Color

42.6430, 24.4488, 3.0019

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

21.0205, 16.7483, 9.5220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6430, 24.4488, 3.0019 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 61, 17)` looks like.

```
.text, #text, p{  
    color:rgb(254, 61, 17)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 61, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 61, 17) }
```

Border

The CSS property to change the border of an element to XYZ 42.6430, 24.4488, 3.0019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 61, 17) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 61, 17) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 61, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 61, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 61, 17);  
box-shadow:4px 4px 4px 4px rgb(254, 61,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6430, 24.4488, 3.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 61, 17) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254, 61,  
17) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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